

Title (en)
OPHTHALMIC ILLUMINATION DEVICE

Title (de)
AUGENBELEUCHTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ILLUMINATION OPHTALMIQUE

Publication
EP 2575592 A1 20130410 (EN)

Application
EP 11744068 A 20110527

Priority
• IT TN20100008 U 20100527
• IB 2011052330 W 20110527

Abstract (en)
[origin: WO2011148349A1] An ophthalmic illumination device (1) comprises an illuminating body (3) in turn comprising a through-opening (4) whose side wall is formed by a member (5) made of an opalescent material. A light source (6) is housed inside the illuminating body (3) and a light-guide (14) adapted to radially convey the light beams emitted by the light source (6) towards an axis (A) of the through-opening (4) is positioned between the light source (6) and the opalescent member (5). Thanks to this solution it is possible to generate extremely homogeneous shafts of light, while minimizing the occurrence of dark portions.

IPC 8 full level
A61B 3/00 (2006.01); **A61B 3/10** (2006.01)

CPC (source: EP US)
A61B 3/0008 (2013.01 - EP US); **A61B 3/10** (2013.01 - US)

Citation (search report)
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